Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Tuesday 02 Jan 2024 until 23:59 on Wednesday 03 Jan 2024

Forecast Issued on Tuesday 02 Jan 2024 at 03:05

Confidence: Medium, some uncertainty around how persistent and heavy the rain becomes on Tuesday afternoon.

Headline for Tuesday 02 Jan 2024: Mostly cloudy. Heavy rain in the afternoon.

Mountain weather hazards on Tuesday 02 Jan 2024

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Medium Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Mist	Light rain	Heavy Rain	Heavy Rain	Light rain
Precipitation probability					
30%	30%	50%	70%	70%	60%

Forecast for Tuesday 02 Jan 2024

Weather: Overnight rain soon clearing. Mostly cloudy and dry during the morning, but the odd shower possible. Rain in the afternoon, turning heavy and persistent at times. Further rain and drizzle in the evening.

Chance of cloud-free hill tops above 800m: 30%, best chance across the Eastern and Far Eastern Fells in the morning.

Low cloud and visibility: Occasional or extensive cloud, base 600 to 900m, patches or occasional to 300m in heavy rain and drizzle. Visibility often moderate to very poor at height but good or very good lower down early in the day.

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Mountain Weather Forecast

Forecast for Tuesday 02 Jan 2024

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	34/40 SW	25/30 SW	18/23 S	14/17 S	18/22 SW	22/27 SW	23/28 SW
600	29/37 SW	23/30 SW	17/22 SW	13/17 S	15/19 SW	18/24 SW	19/26 SW
300	10/28 SW	9/23 SW	8/18 S	5/12 S	5/15 SW	7/19 W	8/21 SW
Valley	9/25 SW	9/22 SW	7/16 S	5/11 S	6/16 SW	7/19 SW	8/20 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	4/-3	4/-2	4/-1	3/-2	2/-3	2/-4	2/-4
600	5/-1	6/0	5/1	4/1	4/-0	4/-1	4/-1
300	7/4	7/5	7/5	6/5	6/4	6/3	6/3
Valley	8/6	8/6	8/7	8/7	8/6	8/6	8/6
Freezing Level*	1300m	1400m	1400m	1300m	1300m	1200m	1200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Note uncertainty in details around heavy afternoon rain.

Forecast for Wednesday 03 Jan 2024

Weather: Mostly cloudy with occasional rain or showers, wintry at times over the summits. Some drier and brighter or clear spells.

Maximum wind: Southwest 15 to 20mph.

Chance of cloud-free hill tops above 800m: 30%

Low cloud and visibility: Occasional or extensive cloud, base 600 to 900m, patches or occasional to 300m, mainly in the west of the park. Visibility often moderate to very poor at height but good at times lower down.

Temperature: **Valleys:** Plus 4 to 9 Celsius
At 800m: Plus 2 Celsius
Freezing level: Near or above the summits.

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Monday 1 January 2024: Location: Dollywaggon Pike summit at 12:34: Full report: A fine day to welcome in the New Year with some cloud but plenty of sunny spells and many of the higher tops enjoying intermittent sunshine and moderate winds. An inch or two of new snow fell overnight down to roughly 700m and has settled. The greatest accumulations (as per the last couple of days) can be found on North and East facing slopes above 800m. Small, fragile cornices are also present around corrie rims and should be given a wide berth. Swirral and Striding Edge are in winter condition and anyone planning to do these (or similar steep and exposed routes) in the coming days are advised to carry an ice axe and crampons and should also have the requisite skills and good judgment required to tackle them safely. Helvellyn's summit plateau is a mixture of exposed ground and snow with drifts up to 50cm deep in many sheltered dips and hollows. Further winter weather is expected tomorrow, with rain, sleet, and the possibility of further summit snow and strong winds. Full winter clothing (warm and waterproof), extra warm layers, hats & gloves, and equipment including a headtorch, map, and compass are all essential. Goggles are also strongly recommended for navigating and route finding in challenging conditions. Temperature: minus 0.0 deg C. Maximum wind speed 24.2 mph. Wind chill: minus 7.6 deg C. Average wind speed: 20.4 mph

Issued at: 03:05 on Tue 02 Jan 2024

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